P⊚RTAL

USPTO

Search: ⦿ The ACM Digital Library   ◯ The Guide

Software as a Service   **SEARCH**

 ⓘ Feedback   Report a problem   Satisfaction survey

Terms used **Software as a Service**   Found **38,652** of **198,310**

Sort results by | relevance ▾ | ⬙ Save results to a Binder   Try an Advanced Search·
                                                                              Try this search in The ACM Guide
Display results | expanded form ▾ | ⏷ Search Tips
                                            ☐ Open results in a new window

Results 1 - 20 of 200   Result page: **1** 2 3 4 5 6 7 8 9 10   next
Best 200 shown   Relevance scale ☐ ▬ ▬ ■ ■

1 Reports: Report on the International Workshop on Service Oriented Software Engineering (IW-SOSE06)   ■
⬥ Elisabetta Di Nitto, Robert J. Hall, Jun Han, Yanbo Han, Andrea Polini, Kurt Sandkuhl, Andrea Zisman
September 2006 **ACM SIGSOFT Software Engineering Notes**, Volume 31 Issue 5
Publisher: ACM Press
Full text available: 🅿️ pdf(253.18 KB)· Additional Information: full citation, abstract, index terms

> This paper presents a report of the International Workshop on Service Oriented Software Engineering colocated with ICSE2006. In particular, we shortly present the papers that have been accepted for publication in the workshop proceedings, the keynote speech, and the discussion topics that have emerged during the workshop.

2 Networking lessons in delivering 'Software as a Service'---part I   ■
David Greschler, Tim Mangan
August 2002 **International Journal of Network Management**, Volume 12 Issue 5
Publisher: John Wiley & Sons, Inc.
Full text available: 🅿️ pdf(73.67 KB)   Additional Information: full citation, abstract, index terms

> This is a two-part paper. In part I, we describe the origins of Software as a Service (SaaS) and its value proposition to Corporate IT, Service Providers, Independent Software Vendors, and End Users. In part II, we examine the networking lessons learned in researching, building, and running a SaaS service.

3 Using Web Service Technologies to Create an Information Broker: An Experience Report   ■
Mark Turner, Fujun Zhu, Ioannis Kotsiopoulos, Michelle Russell, David Budgen, Keith Bennett, Pearl Brereton, John Keane, Paul Layzell, Michael Rigby
May 2004 **Proceedings of the 26th International Conference on Software Engineering ICSE '04**
Publisher: IEEE Computer Society
Full text available: 🅿️ pdf(305.99 KB)   Additional Information: full citation, abstract, index terms

> This paper reports on our experiences with using theemerging web service technologies and tools to create ademonstration information broker system as part of ourresearch into information management in a distributedenvironment. To provide a realistic context we chose tostudy the use of information in the healthcare domain,and this context sets some challenging parameters andconstraints for our research and for the demonstrationsystem.

In this paper we both report on the extent towhich existing we ...

4   Service oriented system modeling and application: An approach to web services oriented modeling and validation

Yujian Fu, Zhijiang Dong, Xudong He

May 2006   **Proceedings of the 2006 international workshop on Service-oriented software engineering SOSE '06**

Publisher: ACM Press

Full text available: pdf(225.32 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

Web services provide a language-neutral, loosely-coupled, and platform independent way for linking applications within organizations or enterprises across the Internet. Web services communicate with each other via XML format messages. This paper presents a web service architecture model, Service-Oriented Software Architecture Model (SO-SAM), which is an extension of SAM (SoftwareArchitecture Model[16]) to the web service applications, as well as a validation of the model and a case study. SO-SAM ...

Keywords: petri nets, service oriented system specification, software architecture model, temporal logic, verification and validation

5   Precise Service Level Agreements

James Skene, D. Davide Lamanna, Wolfgang Emmerich

May 2004   **Proceedings of the 26th International Conference on Software Engineering ICSE '04**

Publisher: IEEE Computer Society

Full text available: pdf(165.79 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>citings</u>, <u>index terms</u>

SLAng is an XML language for defining service levelagreements, the part of a contract between the client andprovider of an Internet service that describes the quality attributesthat the service is required to possess. We definethe semantics of SLAng precisely by modelling the syntax ofthe language in UML, then relating the language model toa model that describes the structure and behaviour of services.The presence of SLAng elements imposes behaviouralconstraints on service elements, and the prec ...

6   Bucknell's software service clinic—meeting a computing support challenge

Karen Kniss

November 1997   **Proceedings of the 25th annual ACM SIGUCCS conference on User services: are you ready? SIGUCCS '97**

Publisher: ACM Press

Full text available: pdf(922.20 KB)   Additional Information: <u>full citation</u>, <u>index terms</u>

7   Software engineering and middleware: Integrating publisher/subscriber services in component middleware for distributed real-time and embedded systems

George T. Edwards, Douglas C. Schmidt, Aniruddha Gokhale

April 2004   **Proceedings of the 42nd annual Southeast regional conference ACM-SE 42**

Publisher: ACM Press

Full text available: pdf(444.01 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

Although component-based software development has widespread acceptance in the enterprise business and desktop application domains, developers of distributed real-time and embedded (DRE) systems have encountered limitations with the available component middleware platforms, such as the CORBA Component Model (CCM) and the Java 2 Enterprise Edition (J2EE). These limitations often preclude developers of DRE systems

from fully exploiting the benefits of component software. In particular, component m ...

Keywords: CORBA Component Model, component middleware, model-based systems, real-time event service

8   Service domains for ambient services: concept and experimentation
Seng Wai Loke, Shonali Krishnaswamy, Thin Thin Naing
August 2005 **Mobile Networks and Applications**, Volume 10 Issue 4
Publisher: Kluwer Academic Publishers
Full text available: pdf(365.38 KB)   Additional Information: full citation, abstract, references, index terms

We investigate ambient services, which we define as services that are related to the surrounding physical environment of the user, are locally useful and can be considered a form of location-based services. We introduce the notion of service domain which refers to the geographical area of relevance and utility for ambient services. We also consider a stereotypical case where a user might be within multiple service domains at the same time (when the service domains containing the user overlap) an ...

9   Networking lessons in delivering 'Software as a Service': part II
David Greschler, Tim Mangan
November 2002 **International Journal of Network Management**, Volume 12 Issue 6
Publisher: John Wiley & Sons, Inc.
Full text available: pdf(175.41 KB)   Additional Information: full citation, abstract, index terms

In part I of this paper, we described the origins and evolution of Software as a Service (SaaS) and its value proposition to Corporate IT, Service Providers, Independent Software Vendors and End Users. SaaS is a model in which software applications are deployed, managed, updated and supported on demand---like a utility---and are served to users centrally using servers that are internal or external to the enterprise. Applications are no longer installed locally on a user's desktop PC; instead, up ...

10 A software retrieval service based on adaptive knowledge-driven agents for wireless environments
Eduardo Mena, Arantza Illarramendi, Jose A. Royo, Alfredo Goñi
September 2006 **ACM Transactions on Autonomous and Adaptive Systems (TAAS)**, Volume 1 Issue 1
Publisher: ACM Press
Full text available: pdf(1.12 MB)   Additional Information: full citation, abstract, references, index terms

The ability to retrieve software in an easy and efficient way confers competitive advantage on computer users in general and, even more especially, on users of wireless devices (like some laptops, PDAs, etc.). In this article, we present a software retrieval service that allows users to select and retrieve software in an easy and efficient way, anywhere and anytime. Two relevant components of this service are: 1) a software ontology (software catalog) which provides users with a semantic descrip ...

Keywords: Software retrieval, adaptive multiagent systems, pervasive and mobile computing

11 Software architecture in industrial applications
Dilip Soni, Robert L. Nord, Christine Hofmeister
April 1995 **Proceedings of the 17th international conference on Software engineering ICSE '95**
Publisher: ACM Press

Full text available: pdf(1.23 MB)   Additional Information: full citation, references, citings, index terms

12 Frontmatter (TOC, Letters, Philosophy of computer science, Interviewers needed, Taking software requirements creation from folklore to analysis, SW components and product lines: from business to systems and technology, Software engineering survey)
September 2005 **ACM SIGSOFT Software Engineering Notes**, Volume 30 Issue 5
Publisher: ACM Press
Full text available: pdf(1.98 MB)   Additional Information: full citation, index terms

13 Practitioner reports: Service-oriented architecture and business process choreography in an order management scenario: rationale, concepts, lessons learned
Olaf Zimmermann, Vadim Doubrovski, Jonas Grundler, Kerard Hogg
October 2005 **Companion to the 20th annual ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications OOPSLA '05**
Publisher: ACM Press
Full text available: pdf(437.99 KB)
                    mov(30:57 MIN)   Additional Information: full citation, abstract, references, index terms

Effective and affordable business-to-business process integration is a key success factor in the telecommunications industry. A large telecommunication wholesaler, supplying its services to more than 150 different service retailers, enhanced the process integration capabilities of its core order management system through widespread use of SOA, business process choreography and Web services concepts. This core order management system processes 120 different complex order types.On this project, ch ...

Keywords: B2B, BPEL, HTTP, J2EE, SOAP, WSDL, XML, application server, best practices, business process, order management, process choreography, process integration, service-oriented architecture, telecommunications, web application, web services, workflow

14 Frontmatter (TOC, Letters, Open Source Software (OSS) Patent Search Engine, Calendar of Events, Workshop and Conference Information)
ACM SIGSOFT Software Engineering Notes staff
March 2005 **ACM SIGSOFT Software Engineering Notes**, Volume 30 Issue 2
Publisher: ACM Press
Full text available: pdf(564.92 KB)   Additional Information: full citation, index terms

15 Educator's view of structured concepts
John F. Schrage
January 1980 **Proceedings of the ACM 1980 annual conference ACM '80**
Publisher: ACM Press
Full text available: pdf(1.45 MB)   Additional Information: full citation, abstract, references, index terms

Based on a review of textbooks and literature and discussion with information systems educators, the use of structured concepts began to be taught in programming classes in the early 1970s. The classic articles on structured programming and analysis/design, respectively, are the following: "Flow Diagrams, Turing Machines, and Languages with

Only Two Formation Rules," by Bohm, C. and Jacopini, G. Communications of the ACM, Volume 9, Number 5, pp. ...

16 Service delivery: Smart monitors for composed services

Luciano Baresi, Carlo Ghezzi, Sam Guinea

November 2004 **Proceedings of the 2nd international conference on Service oriented computing ICSOC '04**

Publisher: ACM Press

Full text available: pdf(332.61 KB)   Additional Information: full citation, abstract, references, citings, index terms

Service-based approaches are widely used to integrate heterogenous systems. Web services allow for the definition of highly dynamic systems where components (services) can be discovered and QoS parameters negotiated at run-time. This justifies the need for monitoring service compositions at run-time. Research on this issue, however, is still in its infancy.

We investigate how to monitor dynamic service compositions with respect to contracts expressed via assertions on services. Dynamic ...

Keywords: .NET, BPEL, composition, exception handling, functional requirements, monitoring, pre- and post-conditions, quality of service, web services, xlinkIt

17 Comparison of Software Product Line Architecture Design Methods: COPA, FAST, FORM, KobrA and QADA

Mari Matinlassi

May 2004 **Proceedings of the 26th International Conference on Software Engineering ICSE '04**

Publisher: IEEE Computer Society

Full text available: pdf(115.38 KB)   Additional Information: full citation, abstract, index terms

Product line architectures (PLAs) have been undercontinuous attention in the software research communityduring the past few years. Although several methods havebeen established to create PLAs there are not availablestudies comparing PLA methods. Five methods are knownto answer the needs of software product lines: COPA,FAST, FORM, KobrA and QADA. In this paper, anevaluation framework is introduced for comparing PLAdesign methods. The framework considers the methodsfrom the points of view of metho ...

18 Software development for the Space Station Freedom Program in the year 2000

James R. Miller, Timothy R. Dugan

July 1990 **Proceedings of the seventh Washington Ada symposium on Ada WADAS '90**

Publisher: ACM Press

Full text available: pdf(1.14 MB)   Additional Information: full citation, references, index terms

19 Computer networks: QoS multi-agent applied for Grid Service management

Montree Bunruangses, Weerawat Poompattanapong, Pratheep Banyatnoparat, Banjong Piyatamrong

June 2004 **Proceedings of the 2004 international symposium on Information and communication technologies ISICT '04**

Publisher: Trinity College Dublin

Full text available: pdf(83.32 KB)   Additional Information: full citation, abstract, references

Grid computing technologies are adopted to enable wide-spread sharing and coordinated use of network resources. Grid Service is a part of Grid infrastructure enables the integration of service across distributed resources based on Service-Oriented architecture. In particular, the Open Grid Service Architecture, the new Grid Service model based on Web Service technologies, has been proposed for providing fundamental mechanisms for discovery, monitoring, planning and adapting application behavior. ...

Keywords: agent; grid computing, priority of service, quality of service (QoS), resource management

20 Service design and modeling: Methodological support for service-oriented design with ISDL

Dick Quartel, Remco Dijkman, Marten van Sinderen
November 2004 **Proceedings of the 2nd international conference on Service oriented computing ICSOC '04**
Publisher: ACM Press

Full text available: pdf(296.25 KB)   Additional Information: full citation, abstract, references, index terms, review

Currently, service-oriented computing is mainly technology-driven. Most developments focus on the technology that enables enterprises to describe, publish and compose application services, and to communicate with applications of other enterprises according to their service descriptions. In this paper, we argue that this technology should be complented with modelling languages, design methods and techniques supporting <i>service-oriented design</i>. We consider service-oriented design ...

Keywords: ISDL, service, service-oriented computing, service-oriented design

Results 1 - 20 of 200   Result page: **1**   2   3   4   5   6   7   8   9   10   next